AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) Polymer electrolyte for an electrochemical generator, wherein the polymer electrolyte comprises:

(a) at least one four-branched polymer having a hybrid termination, wherein at least one branch of said four branched polymer is capable of giving rise to cross-linking; with

(b) at least one component selected from the group consisting of SiO_2, Al_2O_3, nano TiO_2 noncoated, **[[**and**]]** nano TiO_2 coated with an organic material that is compatible with a tetrafunction terminal acryloyl-modified alkylene oxide polymer, the organic material being selected from at least one polyol or at least one polyethylene-polyoxyethylene copolymer **[[**or**]]** and nano TiO2 coated with an inorganic material selected from SiO_2 and Al_2O_3**[[**; and**]]**.

wherein the polymer electrolyte exhibits a stability voltage higher than 4 volts.

2. (Previously Presented) Polymer electrolyte according to claim 1, further comprising a salt with a plasticizing agent or a mixture of salts with a plasticizing agent.

3. (Original) Polymer electrolyte according to claim 2, in dry form (free solvent), obtained by adding a lithium salt or a mixture of salts (in the matrix) of the polymer in order to provide ionic conductivity.

4. (Previously Presented) Polymer electrolyte according to claim 3, in which the lithium salts are selected from the group consisting of $LiN(SO_2CF_3)_2$; LiTFSi; $LiN(SO_2C_2F_5)_2$; BETI; $LiC(SO_2CF_3)_3$; $LiBF_4$; $LiPF_6$; $LiClO_4$; $LiSO_3CF_3$; and $LiAsF_6$.

5. (Previously Presented) Polymer electrolyte according to claim 2, in which the plasticizing agent is comprised of at least one organic solvent selected from the group consisting of: an ethylene carbonate, a propylene carbonate, a γ-gamma butyrolactone, a dimethyl carbonate, a diethyl carbonate, a tetra ethyl-sulfone amide, and a methyl-ethyl carbonate (EMC).

6. - 60. (Canceled)

61. (Previously Presented) Polymer electrolyte according to claim 1, wherein the stability voltage is higher than 4.5 volts.